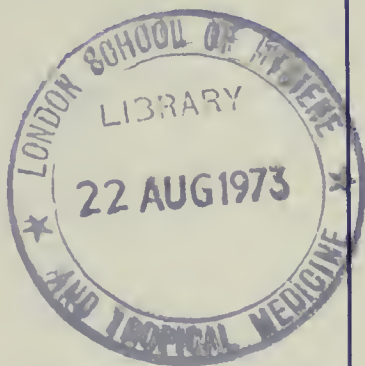


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COUNTY COUNCIL OF DUNBARTON



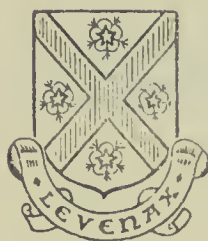
Annual Report
on the
Medical Inspection of
School Children

By IAIN MACLEOD,
M.B., Ch.B., D.P.H.
*County Medical Officer and
Principal School Medical Officer*

1971-72

(Year ending 31st July, 1972)


COUNTY COUNCIL OF DUNBARTON



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*To the Secretary of State for Scotland and the County Council of the
County of Dunbarton*

LADIES AND GENTLEMEN,

I beg to submit the Annual Report on the Medical Inspection and
Treatment of School Children for the year ended 31st July 1972.

I am, Ladies and Gentlemen,

Your obedient servant,

IAIN MACLEOD,
*County Medical Officer and
Principal School Medical Officer.*

HEALTH AND WELFARE DEPARTMENT,
COUNTY COUNCIL OFFICES,
DUMBARTON.

COUNTY COUNCIL OF DUMBARTON

SCHOOL MEDICAL STAFF

County Medical Officer

Principal School Medical Officer

IAIN MACLEOD, M.B., Ch.B., D.P.H.

Depute Medical Officer

JAMES G. YOUNG, M.B., Ch.B., D.P.H.

Senior Medical Officer

JOHN T. CUNNINGHAM, M.B., Ch.B., D.P.H.

Assistant Senior Medical Officer

AGNES W. B. F. O'GORMAN, L.R.C.P., L.R.C.S.(Edin.), L.R.F.P.S.(Glas.),
D.P.H.

School Medical Officers

DAVID B. CAMPBELL, M.B., Ch.B., D.P.H. (Part time)

CELIA M. CAMERON, L.R.C.P.(E.), L.R.C.S.(E.), L.R.F.P. & S.C.,
D.P.H.

MARGARET M. P. JOLLY, M.B., Ch.B., D.C.H.

ELLEN M. MACINTYRE, L.R.C.P. & S.(Glas. & Edin.), D.P.H.

SAMUEL HARVEY, M.B., Ch.B., D.P.H., M.R.C.P.(Edin.)
(Part-time)

M. WINIFRED ANDERSON, M.B., Ch.B.(Glas.)

Commenced 4.4.72

Chief Dental Officer

SHEILA S. STEWART, L.D.S., R.F.P.S.(Glas.)

Dental Surgeons

JAMES H. FERGUSON, L.D.S., R.F.P.S.(G.) ERIC W. H. HOUGHTON, B.D.S.

JOHN MCFARLANE, B.D.S.

DOUGLAS J. REID, B.D.S.

NORMA URQUHART, B.D.S.

THOS. B. COLE, L.D.S., R.F.P.S.(G.)

JOHN L. H. BLACK, B.D.S.

WM. NEILSON, L.D.S., R.F.P.S.(G.)

GORDON M. CAMPBELL, L.D.S.

MARGARET J. CAMPBELL, B.D.S.

Senior Dental Technician

JAMES FYFE

Ophthalmic Surgeon

WM. WILSON, M.B., Ch.B., F.R.C.S.(Edin.), D.O.(Eng.)

Ear, Nose and Throat Specialist

W. GOUDIELOCK HOOD, M.B., Ch.B., F.R.F.P.S.

Anaesthetists

H. P. COOPER HARRISON, M.B., Ch.B.

WM. AULD, M.B., Ch.B., D.A., F.F.A.R.C.S.

ALEX. BOYD, M.B., Ch.B.

Physiotherapists

ELIZABETH M. Y. McNICOL

JEAN S. HOWATT

MARGARET S. BLAIR

CATHERINE S. HAGART Commenced 20.12.71

Superintendent of Nurses

VIOLET M. BREMNER, R.G.N., S.C.M., Q.N., H.V.

Deputy Superintendent of Nurses

JANET RITCHIE, R.G.N., S.C.M., Q.N., H.V.

Nursing Staff

ALICE GEE

Retired 25.2.72

*CHRISTINA S. L. KING

Retired 17.3.72

MARY CALLAGHAN

Retired 28.10.71

CATHERINE M. SCOBIE

*R. L. SHAW

DOROTHY FROUDE

J. McLAFFERTY

AGNES CLYDESDALE

*MARGARET SMITH

*SADIE LYTTLE

J. I. U. CONDIE

JEAN P. MCHAFFIE

AGNES M. PATON

HAZEL MACLEOD

JEAN R. STEEL

HILARY STEWART

HARRIET M. CAMERON

CLARA B. ROY

FRANCES CAMPBELL

Resigned 15.10.71

ELEANOR VALENTINE

Commenced 27.8.71

JENNIFER CARR

Commenced 16.1.72

ESTHER ADAM

BARBARA CAFFEL

ELIZABETH T. CRAWFORD

CATHERINE DEMPSEY

EMMA B. SMITH

Retired 1.8.71

M. MARTIN

MARGARET McLURE

DOREEN STOKER

JEAN HOWIESON

ELIZABETH JOHNSON

MARY MCK. MACLEOD

DIANA C. STEWART

HELEN SUNTER

BARBARA MACKAY

MARY T. KELLY

*MARY SMITH

ELIZ. M. BOYLE

Commenced 19.7.71

ELIZ. DALE

Commenced 20.9.71

AGNES DUNCAN

Commenced 27.3.72

*Employed solely on school medical duties.

Audiometricians

THERESA KEITH

ANNE LAIRD

PATRICIA R. DOCHERTY (Part-time)

MARGT. WHYTE Commenced 11.10.71 (Part-time)

Orthopist

VALERIE GRAINGER Resigned 28.11.71

PATRICIA WANNOP Commenced 10.1.72

Dental Attendants

MARGARET SAMSON
MARJORIE E. P. EWART
MARTHA W. KINLOCH
MARGARET BOYLE
ELIZABETH B. CURRIE
LORNA MCARDLE

KATHERINE STEVENSON
CATH. M. WALTON
A. REDFERN
MAIRI MCLETCHIE
GLORIA STEWART

Orthopaedic Clinic Attendant

MARGARET C. BLACK

Hygiene Attendants

BARBARA STEPHENSON
MARION McWHINNIE

Clerkesses

JANE H. MACLEOD

AGNES CRICHTON

CHRISTINE ELLIS



REPORT

ON THE

MEDICAL INSPECTION AND TREATMENT OF SCHOOL CHILDREN IN THE COUNTY OF DUNBARTON

NUMBER OF SCHOOLS

School Management Area—

Cumbernauld	..	..	..	..	..	..	19
Kirkintilloch ..	..	..	..	..	..	..	15
New Kilpatrick	..	..	..	..	..	..	12
Old Kilpatrick	..	..	..	..	..	..	20
Dumbarton ..	..	..	..	..	..	..	10
Vale of Leven	..	..	..	..	..	..	14
Helensburgh ..	..	..	..	..	..	..	10
							<hr/> 100 <hr/>

NUMBER OF CHILDREN ON REGISTER—SESSION 1971-72

Helensburgh ..	..	..	..	..	..	4,093
Vale of Leven	..	..	..	..	..	4,849
Dumbarton ..	..	..	..	..	..	6,486
Old Kilpatrick	..	..	..	..	..	12,597
New Kilpatrick	..	..	..	..	..	6,236
Kirkintilloch ..	..	..	..	..	..	7,721
Cumbernauld	..	..	..	..	..	9,588
						<hr/> 51,570 <hr/>

NUMBER OF VISITS FOR SYSTEMATIC EXAMINATIONS

NOTE: One whole day spent in school counts as two visits
(morning and afternoon sessions)

Number of visits as above	576
-----------------------------------	-----

NUMBER OF SPECIAL VISITS BY MEDICAL OFFICERS

For examination of backward, mentally or physically defective children ..	64
For re-examination of defective children	33
Attendances at school clinics	163
Attendances for office work, etc.	123
For inquiry regarding infectious diseases (including scabies)	5
Diphtheria Immunisation	41
B.C.G. Vaccination	37
Rubella Vaccination	13
Child Welfare Clinics	632
Orthopaedic Clinics	13
Audiology Sessions	213
Others	94
	1,431

GENERAL REVIEW

Routine inspection was carried out on 9,413 children—

The number of children examined non-routinely, i.e., at clinics mainly, was 610.

IMPROVEMENTS TO SCHOOLS

REPORT ON SANITARY IMPROVEMENTS TO SCHOOLS WITHIN THE COUNTY FOR THE YEAR ENDING JULY 31st, 1972

Under the Capital Building Programme a large extension comprising 45 classrooms has been built at St. Patrick's High School in Dumbarton which includes, besides modern inside toilets, a new and up-to-date kitchen and dining hall to serve the whole school.

The outmoded central kitchen at Townhead, Kirkintilloch, which was a war-time H.O.R.S.A. hut is being demolished as a new kitchen has been built adjoining the school and the former domestic science department converted for dining. New staff accommodation has been provided in extensions to Hillhead Primary School, Kirkintilloch and Goldenhill Primary School, Hardgate to replace the inadequate accommodation which existed.

A games hall has been provided at Dumbarton Academy and at St. Ninian's High School, Kirkintilloch a new games hall is in course of construction, together with ladies and gents toilets which will be used commonly with an extension to the assembly hall and stage changing rooms.

Extensions consisting of 45 and 48 classrooms respectively are in course of construction at Vale of Leven Academy and Hermitage Academy in Helensburgh, both of which will have a games hall and cafeteria.

From the revenue account the staffrooms at Dumbarton Academy, Bonhill Primary and St. Mary's Primary School, Alexandria are all being improved and enlarged and the toilets increased in numbers by converting apartments used previously for other purposes.

The earthenware sinks with wood draining boards have been replaced in nine school kitchens with integral stainless steel units and the inadequate refrigerators have been replaced at Dumbarton and Alexandria Cooking Depots with new cold rooms.

Two schools in the County have been converted to burn fuels of a smokeless nature.

Four high schools and thirteen primary schools have been completely painted inside and outside. This is the completion of a programme of painting each school every five years and which it is intended to repeat.

DENTAL TREATMENT

Report by Mrs. SHEILA S. STEWART, Chief Dental Officer

The improvement in our staffing situation which I mentioned in last year's report has been maintained in that we still have 11 full-time Assistant Dental Officers working in the County's School Service but unfortunately we have not yet managed to increase this to our full establishment of 13.

Once again a Dental Health Campaign was carried out in the primary schools involving new entrants and I would like to record my sincere appreciation of the help and co-operation so willingly given by the heads and teaching staff in the schools concerned.

The incidence of dental decay among even young children today has reached a very high level and when one considers that to a large extent such disease is preventable it is particularly important to reach school entrants so that from an early age they can be taught the importance of good oral hygiene as part of their general health.

The accent nowadays is on preventative dentistry and all concerned with the dental health of the nation watch with interest the results which are being produced by the dental hospitals and schools all over the country. Our Dental Officers are encouraged to attend postgraduate courses in order that they may keep in touch with the latest developments in modern

dentistry and I am grateful to the Public Health Committee and to the County Council for making this possible.

I would also like to express my appreciation of the fact that consultant opinion is so willingly given to us from Glasgow Dental Hospital when we feel we require it. This is a tremendous help in running a school dental service.

SPEECH DEPARTMENT ANNUAL REPORT SESSION 1971-72

The awareness of the importance of the spoken word in the educational programme of our young people is ever growing. Much interest is evident in the Schools, especially where there is a specialist teacher of Speech and Drama on the Staff, and valuable co-operation in the various projects is forthcoming in most places. Teachers are also recognising speech difficulties, and taking steps to bring them to the notice of the Speech Therapist without delay. Thought and energy is being directed towards the promotion and development of communicative skill at all stages.

Despite the fact that we commenced this session depleted by three of our former speech therapy staff, no treatment centre was discontinued, though the allocation of time had to be curtailed at some points. The existing staff of therapists undertook heavier case loads in order to ensure that all children under treatment were continued, and waiting lists kept as low as possible.

In August, 1971, Miss Sharp, who had completed her clinical training in our Cumbernauld Medical Centre, and gained her diploma, took up an appointment in our service there. We were fortunate in securing the part-time services of two of our former Staff, namely Mrs. Clydesdale, who re-joined us on September 6th, and Mrs. Paton who commenced duty on December 7th.

At the close of this session we part with Mrs. Horne, who is resigning for domestic reasons, Mrs. Clydesdale, who is going abroad, and Miss Townsend will be married at Christmas and leaves the district. We thank them for the good work they have done, and wish them success in their future undertakings.

One of the students from Alexandria, who has completed her course in speech therapy, and was examined at Moss Cottage for her Diploma, hopes to take up a post in our service in September on obtaining a successful result. By advertising we hope to attract others to the County to replace our present losses to the service.

During the past session we have had eleven students in training, including three at Diploma level. We have also provided the Speech Therapy Department of Jordanhill with block practice for their first year students at our Centres and Clinics.

As formerly, the major number of referrals for speech therapy, came directly from the Schools' Medical Officers, following their inspections of the entrants, and various age groups. We appreciate the interest our doctors take in speech disorders, and the continued advice and co-operation available during the periods of treatment. Our new Chief Medical Officer, Dr. Macleod, continues the tradition of the service in all the Health Clinics, in addition to referrals from the schools and accommodation is always made available. We continue to treat the pre-school child. The four to five year stage is a period of marked speech development, and if there is evidence of disorder or retardation, treatment at this time has proved to be of value. Many of these children have overcome the difficulty by the time they enter school, while others, much improved, are able to make a better beginning with their educational programme. Recently there has been a strong request for speech therapy in the Nursery Schools. This could be most rewarding had we sufficient therapists to allocate sessions to them. In the meantime, I have visited the Schools and given advice where required. Talks to the teachers in these schools, on normal speech development, will be arranged for the autumn, and little ones, urgently in need of therapy, will be admitted to the nearest treatment centre.

We are also fortunate in enjoying a close liaison with our visiting Ear, Nose and Throat and other specialists to the County, who are ever willing to examine the children and advise. When necessary, advice has been available from our Honorary Consultant, Dr. A. McAllister.

Lectures have been given again this year to Playgroup and Nursery Supervisors in the Cumbernauld, Clydebank and Helensburgh areas. Also lectures pertaining to both speech therapy and speech and drama have been attended by me at Jordanhill and Pirniehall.

Mrs. Wilson and myself have continued to attend the Hearing Assessment Committee meetings to discuss the requirements of the hard-of-hearing and partially deaf children, and speech therapy service has been continued in the School for the Deaf, where it has been found to be of value. Indeed a request has been made for further sessions to be allocated, but this would prove to be difficult in the meantime.

Speech and Drama is now being concentrated in the Secondary Schools, mostly within the English Departments. Special projects have been undertaken involving the co-operation of other departments, and performances have been staged in a number of schools. The Heads of schools have reported on the benefits of the specialist teacher in the field of communication and drama, and there are many requests for the supply of such a

teacher. At present we have one full-time teacher allocated to each of the following schools; Our Lady's High, Cumbernauld High, St. Ninian's, Douglas Academy, Clydebank High, Braidfield/St. Andrew's, and Notre Dame. There is one part-time teacher in St. Columba's and Edinbarnet Schools, and one of the full-time staff takes the top two primaries that feed her Secondary School. In August 1971, we added another full-time teacher, Mr. Morson, to the staff of Greenfaulds Secondary School, Cumbernauld. At the end of the session, Mr. Kennedy at Clydebank High School is leaving the County Service, and Miss McPherson will be leaving temporarily to undertake further study. She hopes to rejoin the staff when this is completed.

The majority of the classes in First, Second and Third years have been fairly well covered, as well as groups of students of commerce, and pupils leaving school. In addition, in most of the schools, groups have had time allocated to drama activities.

We have no specialist teachers of Speech and Drama now in the Primary Schools. Miss Watt, the only remaining one, left at Christmas to take up a post overseas. We thank her for the valuable work she carried out with the children of this County.

Some drama projects are almost completed and, in the autumn, we hope to give the usual performances by our travelling theatre to handicapped children.

It is hoped to arrange a Conference in the new session to discuss Speech and Drama in the Primary School, and to link up with Mime, Movement and Dance Drama, with which the Physical Education Department is concerned.

The Speech Therapists have worked diligently throughout the session to combat the disabilities which so adversely affect the personality, and the teachers of Speech and Drama have shown initiative and creativity in projects to promote skill and fluency in the use of the spoken word.

Session 1971-1972 SPECIAL SCHOOLS AND OCCUPATIONAL CENTRES

(a) SPECIAL SCHOOLS

Auchentoshan School, Clydebank

This school caters for mentally handicapped, physically handicapped and partially sighted children. At the close of session 1971-72 the numbers of pupils in attendance were: mentally handicapped 173; physically handicapped 12; partially sighted 1.

Elmwood School, Dumbarton

This school caters for deaf and partially deaf pupils. The roll at the close of session 1971-72 was 17.

Merkland School, Kirkintilloch

This school caters for mentally handicapped and physically handicapped pupils. At the close of session 1971-72 the numbers of pupils in attendance were: mentally handicapped 69; physically handicapped 4.

Glencryan School, Cumbernauld

This school caters for mentally handicapped and physically handicapped pupils. At the close of session 1971-72 the numbers of pupils in attendance were: mentally handicapped 75; physically handicapped 5.

(b) OCCUPATIONAL CENTRES

Helensburgh Occupational Centre

There were 13 pupils on the roll of this centre.

Auchentoshan Occupational Centre, Clydebank

There were 74 pupils on the roll of this centre.

Cumbernauld Occupational Centre

There were 24 pupils on the roll of this centre.

MILK IN SCHOOLS

In terms of the Milk and Meals (Education) (Scotland) Regulations, 1971, which came into operation on 28th September, 1971, the supply of milk to pupils in schools was limited to those in primary schools until the 1st of August after such pupils attained the age of seven; to pupils receiving education in special schools and to those other primary school pupils in respect of whom a medical officer of the Authority certified that they required to be provided with milk at school for health reasons.

From a possible total of 19,572 pupils 1,220 applications (6.2%) were received from parents who wished their children to be considered for health reasons.

After each application had been considered and where necessary medical examinations had been carried out 208 pupils were certified as requiring free milk in school on health grounds. This figure represents 17.1% of the applications received and 1.06% of the total possible.

ULTRA-VIOLET LIGHT TREATMENT

The following are details of the work done at Dumbarton, Clydebank, Kirkintilloch, Bearsden, Alexandria, Helensburgh, Croy, Milngavie and Goldenhill Clinics during the year.

Number of patients treated				..	..	8
Total number of attendances				..	..	160
<i>Cause of Reference</i>				<i>No. of Patients</i>	<i>No. Improved</i>	<i>Condition Unchanged</i>
Bronchitis, etc.	..	..	..	2	2	—
Catarrh	..	..	..	1	1	—
Bronchial Catarrh	..	..	..	1	1	—
Asthma	..	..	..	1	1	—
Others	..	..	..	3	2	1
Totals				8	7	1

TABLE I

Total number of children examined at:

(a) <i>Primary Schools—</i>							<i>Systematic Examinations</i>
Entrants (5 yrs. of age)	..	..	..	..	..	..	4,761
<i>Secondary Schools—</i>							
Second Age Group (13 yrs. of age)	..	..	..	..	..	..	3,693
Third Age Group (16 yrs. of age)	..	..	..	..	..	..	959
Total							9,413
(b) <i>Other Examination—</i>							
'E' tests (entrants)	..	..	..	..	..	..	4,197

TABLE II — DENTAL TREATMENT

		SCHOOL CHILDREN														
		Age	5	6	7	8	9	10	11	12	13	14	15	16	17	Total
Routine Dental Inspection			1606	1870	2332	1177	1727	1166	1111	2024	902	814	594	176	187	15686
With Dental Defects			1144	1496	1364	1815	1518	1056	1045	1936	770	803	572	132	176	13827
Accepting Treatment			1078	1111	1309	1661	990	737	990	803	572	583	484	88	110	10516
Treated by S.D.O.*			1188	1463	2024	1760	902	585	1672	2156	1111	946	660	319	242	15301
Made Dentally Fit			825	1023	1177	1243	616	605	1144	1485	781	638	418	198	165	10318
Special and Emergency Cases First Visits only			52	47	31	10	31	40	79	110	96	81	40	20	41	678

* Includes cases carried forward from previous year and children reporting to clinics on own initiative.

Subsequent courses of treatment

Cases treated 1144

Made dentally fit 462

TABLE III
DETAILS OF TREATMENT

Dental Treatment		
Fillings	Perm. Teeth	21,274
	Temp. Teeth	1,364
Extractions	Perm. Teeth	1,684
	Temp. Teeth	3,441
Administration of General Anaesthetic		2,303
Other Operations	Perm. Teeth	6,534
	Temp. Teeth	561
Dentures	Partial	506
	Full	11
Repairs to Dentures		110
Radiographs		880

Attendances for Treatment
School Children, 5-17 yrs.

Routine 37,268

TABLE IV
ORTHODONTIC TREATMENT

Number of cases from last year	170
New cases	118
Cases completed	85
Cases discontinued	61
Attendances	3402
Consultations with Consultant Orthodontist	—
Number of Diagnostic Examinations	260
Number of Diagnostic Examinations N.T.O.	50
Treated without Appliance	130
Treated Removable Appliance	371
Treated Fixed Appliance	10
Number of Extractions Permanent	992
Number of Extractions Temporary	1056
Repairs	82
Radiographs Intra-Oral	310
Radiographs Extra-Oral	—

Table V
SCHOOL EYE CLINICS

Year 1970-71	Appointments Given	First Visits (This Year)	Attendances (Total)	Glasses Ordered	Referred to Orthoptist	Sessions	
						Doctor	Optician
Dumbarton (includes Vale of Leven)	1152	626	754	375	64	92	84
Helensburgh	328	219	225	114	21	21	23
Bearsden, Milngavie .. (Hillfoot Clinic)	204	172	189	44	10	21	23
Kirkintilloch	323	142	204	58	18	21	24
Clydebank	973	549	645	272	27	91	85
Cumbernauld	555	129	400	93	26	35	36
Total	3535	1837	2417	956	166	281	275

TABLE VI
AVERAGE HEIGHTS AND WEIGHTS IN INCHES AND POUNDS

Total Number Examined at all Ages	BOYS																
	Entrants				Age 9				Age 13				Age 16				
	No. Exam.	Avrg. Age	Hgt. (Ins.)	Wght. (Lbs.)	No. Exam.	Avrg. Age	Hgt. (Ins.)	Wght. (Lbs.)	No. Exam.	Avrg. Age	Hgt. (Ins.)	Wght. (Lbs.)	No. Exam.	Avrg. Age	Hgt. (Ins.)	Wght. (Lbs.)	
1971-72	2457	Y. M. —	43-3	43-1	—	Y. M. —	—	—	—	1824	Y. M. —	60-8	98-7	526	Y. M. —	66-0	130-0
1970-71	2420	—	43-2	42-8	—	—	—	—	—	1842	—	60-8	98-3	386	16	66-5	134-0
County Average— Years 1960-61 to 1969-70	18012	5 5	43-4	43-2	2648	9 3	51-8	62-7	12426	13 4	—	59-9	96-7	2074	16 4	66-5	130-3
County Average— Years 1950-51 to 1959-60	13217	5 6	43-6	43-6	12887	9 5	51-7	63-1	10289	13 4	—	58-5	93-3	1067	16 5	67-0	131-1
County Average— Years 1940-41 to 1949-50	11647	5 5	42-8	43-2	10608	8 11	50-0	57-3	10134	13 4	—	58-9	88-0	1017	16 4	66-9	127-0
County Average— Years 1930-31 to 1939-40	12495	5 6	44-6	41-8	11767	8 8	49-4	56-5	*7108	13 7	—	58-9	89-5	1163	16 4	65-6	124-1
County Average— Years 1919-20 to 1929-30	13238	5 7	42-1	41-2	11863	8 7	48-3	54-3	—	—	—	—	—	697	16 1	64-3	118-8

* Previous to the session 1930-31, the average of the Third Age Group was 12 years. The number of children examined at the average age of 13 years is, therefore, comparatively small.

TABLE VII
AVERAGE HEIGHTS AND WEIGHTS IN INCHES AND POUNDS—Continued

Total Number Examined at All Ages	GIRLS											
	Entrants			Age 9			Age 13			Age 16		
	No. Exam.	Avg. Age	Hgt. (Ins.)	Wgt. (Lbs.)	No. Exam.	Avg. Age	Hgt. (Ins.)	Wgt. (Lbs.)	No. Exam.	Avg. Age	Hgt. (Ins.)	Wgt. (Lbs.)
1971-72	2304	Y. M. —	43.4	42.1	—	Y. M. —	—	—	1869	Y. M. —	60.6	102.7
1970-71	2377	—	43.0	41.8	—	—	—	—	1797	—	60.7	103.4
County Average— Years 1960-61 to 1969-70	17189	5 5	43.0	41.9	2553	9 4	51.6	62.7	12715	13 4	60.2	101.9
County Average— Years 1950-51 to 1959-60	13354	5 6	44.4	42.1	12327	9 5	52.1	62.2	10556	13 4	60.3	97.3
County Average— Years 1940-41 to 1949-50	11249	5 2	42.4	41.9	10287	8 11	49.4	55.6	9957	13 4	59.3	93.5
County Average— Years 1930-31 to 1939-40	12132	5 7	42.3	40.5	11645	8 8	49.0	54.8	*7123	13 5	59.5	94.8
County Average— Years 1919-20 to 1929-30	13019	5 8	41.7	39.7	11582	8 8	48.2	52.3	—	—	—	—
									774	16 1	62.2	111.6

* Previous to the session 1930-31, the average age of the Third Age Group was 12 years. The number of children examined at the average age of 13 years is, therefore, comparatively small.

TABLE IX
SPEECH THERAPY AND SPEECH TRAINING
ANNUAL STATISTICS, SESSION 1971-72

Classification of Cases

	<i>Stuttering</i>	<i>Defective Articulation</i>	<i>Retarded Speech</i>	<i>Cleft Palate</i>	<i>Dysphonia</i>	<i>Aphasia Dysphasia</i>	<i>Dysarthria</i>	<i>Total</i>
List A	132	572	313	26	26	9	14	1192
B	11	101	16	—	—	8	1	137
								1329

Districts

	<i>List A Cases under treatment</i>	<i>List B Cases on waiting list</i>	<i>Total</i>
Dumbarton	130	20	150
Helensburgh	88	—	88
Vale of Leven	123	22	145
Old Kilpatrick	351	62	413
New Kilpatrick	132	6	138
Kirkintilloch	181	19	200
Cumbernauld	187	8	195
	1192	137	1329

List A

Number of Cases continued next session 495	No. dismissed satisfactory ..	415
	Improved to limit	87
	No co-operation	43
	Left County	38
	Left to other clinics	114

Source of Reference

	<i>Schools and/or Psychologists</i>	<i>M.O.</i>	<i>Parents</i>	<i>*Others</i>	<i>Total</i>
List A Cases under treatment	664	366	58	104	1192
List B Cases on waiting list ..	113	8	3	13	137
Total	777	374	61	117	1329

*Others—Referred by Dental Offices, Hospital, Health Visitors and other Therapists.

Referrals by Therapist to M.O. or D.O. 73
 Referrals by Therapist to Psychologist for I.Q./and/or advice 17
 Number of Parent Interviews 1447 Number A treatments 15452

N.B.—All cases admitted for Speech Therapy are tested by the Audiometrician.

TABLE X—

Clinic	Result	Kyphosis			Lordosis			Kypho- Lordosis			Scoliosis			Chest		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Dumbarton ...	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
	On Treatment ...	1	-	1	-	-	-	-	1	1	-	-	-	1	1	2
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vale of Leven at Dumbarton	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Helensburgh ...	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Goldenhill ...	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Old Kilpatrick	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auchentoshan	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kirkintilloch ...	Treatment Completed ...	1	-	1	-	-	-	-	1	1	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clydebank ...	Treatment Completed ...	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hillfoot ...	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Milngavie ...	Treatment Completed ...	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cumbernauld ...	Treatment Completed ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	On Treatment ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unsatisfactory due to—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(a) Non-attendance ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	(b) Non-co-operative ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NUMBER OF

Clydebank	243
Vale of Leven at Dumbarton ..	425
Kirkintilloch	233
Old Kilpatrick	48
Milngavie	27
Auchentoshan	65

Orthopaedic Treatment

DEFORMITY OR DISEASE																							
Feet Deformities			Polio & Spastic Paralysis			Asthma			Bronchitis			Mouth Breathers			Rheumatism			Others			Total		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
8	3	11	1	2	3	2	1	3	5	-	5	-	-	-	-	-	-	1	1	2	18	8	6
4	6	10	2	1	3	1	1	2	3	-	3	-	-	-	-	-	-	1	-	1	13	9	22
-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	1	1	2	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1	3	1	-	1	2	3	5	1	1	2	-	-	-	-	-	-	-	-	-	5	5	10
1	4	5	-	-	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	6	6	12
-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	2	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	9	15	1	-	1	3	3	6	-	-	-	-	-	-	-	-	-	-	-	-	10	12	22
5	3	8	1	-	1	5	1	6	-	-	-	-	-	-	-	-	-	-	3	3	11	8	19
-	1	1	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	2	2	1	4	5
-	-	-	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	2	2	2	-	2
2	4	6	-	-	-	6	1	7	5	-	5	-	-	-	-	-	-	-	-	-	13	5	24
21	13	34	-	-	-	-	1	1	2	-	2	-	-	-	-	-	-	2	2	4	25	17	42
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3
1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1	2	3
3	6	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7	11
1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	7	12	-	-	-	2	-	2	2	1	3	-	-	-	-	-	-	1	-	1	11	9	20
5	6	11	1	-	1	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	8	6	14
1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	2	5	-	-	-	2	-	2	1	-	1	-	-	-	-	-	-	-	-	-	6	3	9
12	13	25	-	-	-	4	1	5	1	-	1	-	-	-	-	-	-	1	2	3	19	17	36
2	2	4	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3	2	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	2	9	-	1	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	7	4	11
5	1	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	5	3	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	1	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	8	11	-	-	-	4	2	6	5	6	11	-	2	2	-	-	-	1	3	4	13	21	34
5	3	8	2	2	4	-	-	-	3	-	3	1	-	1	-	-	-	-	-	-	12	5	17
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TREATMENTS GIVEN

Helensburgh	..	..	..	702
Hillfoot ..	..	..	..	99
Cumbernauld	..	..	..	488
Goldenhill	..	..	..	406
Dumbarton	..	..	..	994

TABLE VIII
RESULTS OF AUDIOMETRIC SURVEY
1971-1972

Age-Groups Children Examined	No. Listed	No. Tested	No. Normal Hearing	No. Defective Hearing	Grade				Cases Referred for					
					I	IIA	IIb	III	S.M.O.	E.N.T. Exam.	Special Seat- ing	Hear- ing Aid	Medi- cal Treat- ment	No Action
1962	4437	4260	4081	179	156	20	2	1	153	63	7	6	22	48
1966/67	4893	4691	4305	386	304	79	—	3	331	138	31	2	43	127
Secondary	652	622	591	31	27	4	—	—	30	7	1	—	2	20
Children born outwith Age-Groups ...	1145	1112	971	141	119	16	2	4	125	65	1	6	9	27

No. of Individual Pure Tone Tests—Dumbarton 1091
 Clydebank 948
 Kirkintilloch 592
 Cumbernauld 453
 Total 3084

TABLE XI

SPEECH THERAPY—SUMMARY OF STATISTICS, 1971-72

Clinic/School	No. on Roll	Left County	Left to other clinics	Cleared	Non-Co-op	Admitted	No. on Roll
Aitkenbar	10	—	3	6	—	12	13
Abrohill Primary	—	2	—	3	—	14	9
Auchentoshan Special School	13	1	—	11	—	4	5
Auchentoshan Occupational Centre	6	—	—	5	—	4	5
Balloch Clinic	12	—	1	14	1	19	15
Bank Street Clinic	22	2	5	6	4	10	15
Carbrain Primary and Temporary	—	—	—	4	—	17	13
Castlehill	10	—	—	7	1	8	10
Central Health Centre							
Cumbernauld	20	1	11	25	6	43	28
Clober Primary	5	1	—	7	—	8	5
Croy	7	1	1	7	—	9	7
Cardross Primary	9	—	—	5	3	3	4
Christie Park	5	—	—	5	—	—	—
Dalmuir Primary	13	1	2	19	1	18	8
East King Street Clinic	7	—	—	7	—	—	—
Edinbarnet	8	1	1	7	—	6	5
Elmwood (School for Deaf)	6	1	—	—	—	—	5
Faifley Primary	7	1	—	6	—	9	9
Gavinburn Primary	13	—	1	12	—	14	14
Glencryan Special School	10	—	2	4	1	6	9
Goldenhill Clinic	5	—	2	5	1	8	5
Goldenhill School	8	—	—	12	—	8	4
Haldane Primary	7	—	—	7	—	9	8
Hartfield Clinic	8	—	2	7	1	9	7
Hermitage Primary	14	3	—	24	3	38	22
Hillfoot Clinic	8	—	1	12	1	10	4
Hillhead Primary	7	—	—	10	—	9	6
Holy Family	—	1	6	10	—	17	—
John Logie Baird	11	4	—	9	—	13	11
Kilbowie Primary	21	2	11	15	2	26	17
Kildrum Medical Centre	20	2	5	10	3	21	21
Knoxland Primary	7	1	—	6	—	5	5
Colquhoun Park Primary	—	—	—	8	—	9	1
Linnvale Primary	11	2	1	6	—	5	7
Merklands Special School	7	1	1	8	—	13	10
Milngavie Clinic	12	—	7	7	1	7	4
Milngavie Primary	12	—	—	16	—	11	7
Moss Cottage	33	—	21	11	5	23	19
Condorrat Primary	—	—	—	3	—	8	5
O.H.R.	13	1	1	15	—	15	11
Cumbernauld Primary	—	1	—	2	1	12	8
Renton Primary	8	1	—	18	1	22	10
St. Andrew's	10	—	9	8	—	9	2
St. Eunan's	5	1	—	7	—	8	5
St. Flannan's	13	—	2	12	—	9	8
St. Joseph's Faifley	10	1	—	15	—	13	7
Elgin Street Primary	—	—	—	9	—	19	10
St. Kessog's	7	—	—	8	—	6	5
St. Mary's Duntocher	6	—	2	9	—	7	2
Glenhead Primary	—	—	—	2	—	8	6
St. Peter's	7	—	—	8	—	10	9
St. Stephen's Primary	—	—	2	3	—	18	13
Townhead Clinic	34	4	8	28	5	46	35
Twechar Primary	6	—	—	6	—	4	4
Westerton Primary	9	—	1	6	—	4	6
Whitcrook Primary	8	—	1	6	—	8	9
Whitcrook Clinic	5	1	4	4	2	9	3
	523	38	114	513	43	480	495

TABLE XII
ORTHOPTIC REPORT

	<i>C'bank</i>	<i>K'tilloch</i>	<i>Dumbarton</i>	<i>Total</i>
Total Attendances	209	224	580	1,013
Patients referred before July 1971 still attending	82	72	241	395
Patients referred since July 1971	30	53	143	226
Total Attending	112	125	384	621
Number of patients on treatment	17	27	40	84
Number of patients on observation:				
(a) before treatment	7	17	61	85
(b) after treatment	7	6	32	46
Treatment not required	18	22	63	103
Refused treatment	—	1	1	2
Referred for operation:				
(a) before treatment	6	1	3	10
(b) after treatment	5	7	19	31
Patients failed to attend	2	5	6	13
Ceased to attend	14	12	40	66
Discharged	26	24	61	111
Referred but not yet seen by Orthoptist	10	3	58	71
	112	125	384	621

SYSTEMATIC EXAMINATIONS

The following tables are supplied by the Scottish Home and Health Department from information given to them by this Authority on the new record card introduced by the Government. With regard to these tables it should be noted that in some cases the results are expressed as a rate per 100,000 children examined and one therefore has to take this factor into consideration when interpreting the results given in view of the fact that the total average number on the roll of the county schools amounted only to 51,570.

NUMBER OF EXAMINATIONS

ENTRANTS				LEAVERS			
Number Examined		Percentage with Defects		Number Examined		Percentage with Defects	
Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
2,457	2,304	48·92	43·14	1,824	1,869	38·21	34·14
		<i>Scottish</i>		<i>Totals</i>			
40,923	39,202	55·87	51·02	33,814	33,739	45·58	44·35

MEDICAL EXAMINATIONS BY EACH EDUCATION AUTHORITY

Local Authority	ENTRANTS						LEAVERS					
	No. of Examinations		No. with Defects		Percentage with Defects		No. of Examinations		No. with Defects		Percentage with Defects	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Aberdeen Burgh	1,359	1,313	795	691	58.50	52.63	1,439	1,344	593	558	41.21	41.52
Dundee	1,260	1,298	550	548	43.65	42.22	2,420	2,529	1,070	1,018	44.21	40.25
Edinburgh	2,213	2,181	1,164	994	52.60	45.58	6,863	6,973	3,358	3,268	48.93	46.87
Glasgow	6,304	6,207	3,637	3,489	57.69	56.21						
Aberdeen County	1,168	1,095	758	633	64.90	57.81						
Angus	792	668	449	355	56.69	53.14	660	692	293	300	44.39	43.35
Argyll	448	396	232	180	51.79	45.45	352	339	122	172	34.66	50.74
Ayr County	3,057	2,997	1,773	1,568	58.00	52.32	2,496	2,523	987	959	39.54	38.01
Banff	369	324	240	167	65.04	51.54	371	347	162	163	43.67	46.97
Berwick	184	162	84	59	45.65	36.42	151	169	43	49	28.48	28.99
Bute	97	97	54	35	55.67	36.08	82	93	37	44	45.12	47.31
Caitness	266	257	93	95	34.96	36.96	221	260	68	104	30.77	40.00
Clackmannan	471	424	224	157	47.56	37.03	338	313	142	141	42.01	45.05
Dumfries County	701	686	442	381	63.05	55.54	602	616	371	366	61.63	59.42
Dunbarton	2,457	2,304	1,202	994	48.92	43.14	1,824	1,869	697	638	38.21	34.14
East Lothian	488	477	289	263	59.22	55.14	448	409	170	155	37.95	37.90
Fife	2,399	2,292	1,301	1,046	54.23	45.64	1,445	1,767	802	845	55.50	47.82
Inverness County	719	739	390	366	54.24	49.53	683	705	222	290	32.50	41.13
Kincardine	189	163	39	29	20.63	17.79	190	149	8	13	4.21	8.72
Kirkcudbright	263	254	127	85	48.29	33.46	189	191	51	57	26.98	29.84
Lanark	5,399	5,164	3,038	2,707	56.27	52.42	4,545	3,952	2,365	2,022	52.04	51.16
Midlothian	1,326	1,194	673	545	50.75	45.64	970	1,033	387	401	39.90	38.82
Moray and Nairn	559	514	251	209	44.90	40.66	422	431	149	161	35.31	37.35
Orkney	119	125	61	59	51.26	47.20	102	122	37	36	36.27	29.51
Peebles	104	90	63	46	50.58	51.11	78	79	46	39	58.97	49.37
Perth and Kinross	1,027	936	538	402	52.39	42.95	898	847	373	357	41.54	42.15
Renfrew	3,346	3,245	2,132	1,868	63.72	57.57	2,904	2,862	1,559	1,647	53.68	57.55
Ross and Cromarty	469	423	283	277	60.34	65.48	454	469	193	169	42.51	36.03
Roxburgh	301	312	179	157	59.47	50.32	274	235	128	103	46.72	43.83
Selkirk	131	126	40	30	30.53	23.81	198	163	51	35	25.76	21.47
Stirling County	1,499	1,387	911	801	60.77	57.75	1,046	1,005	407	314	38.91	31.24
Sutherland	115	108	66	76	57.39	70.37	110	111	69	52	62.73	46.85
West Lothian	1,018	987	610	563	59.92	57.04	698	834	300	347	42.98	41.61
Wigtown	239	213	152	119	63.60	55.87	245	233	110	112	44.90	48.07
Zetland	67	44	22	8	32.84	18.18	96	75	43	27	44.79	36.00
Scotland	40,923	39,202	22,862	20,002	55.87	51.02	33,814	33,739	15,113	14,962	45.58	44.35

SCHOOL HEALTH SERVICE

TABLE 2

YEAR 1971

NUMBERS AND RATES OF DEFECTS FOUND PER 100,000 CHILDREN EXAMINED
DUNBARTON

Defect	ENTRANTS				LEAVERS			
	BOYS		GIRLS		BOYS		GIRLS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
01 Tuberculosis	—	—	1	43	—	—	—	—
03 Verruca	14	570	12	521	11	603	31	1,659
04 Epidermophytosis	2	81	1	43	6	329	6	321
05 Pediculosis	2	81	9	391	1	55	13	696
06 Scabies	5	204	4	174	6	329	10	535
07 Other Infections	3	122	3	130	—	—	—	—
08 Neoplasms	2	81	2	87	—	—	1	54
11 Diabetes	1	41	1	43	2	110	4	214
12 Underweight	—	—	4	174	—	—	—	—
13 Obesity	10	407	14	608	19	1,042	31	1 659
14 Other Endocrine, Nutritional, Metabolic Disorder	2	81	5	217	2	110	3	161
15 Haemophilia	1	41	—	—	—	—	—	—
16 Anaemia and other Blood Disorders	6	244	10	434	11	603	20	1,070
18 Speech Disorder	55	2,239	25	1,085	6	329	5	268
19 Enuresis, etc.	129	5,250	134	5,816	17	932	13	696
20 Behaviour Disorder	20	814	18	781	5	274	8	428
21 Borderline Mental Retardation	2	81	1	43	5	274	3	161
22 Mild Mental Retardation	—	—	1	43	—	—	1	54
23 Moderate Mental Retardation	—	—	3	130	2	110	4	214
27 Epilepsy	3	122	3	130	2	110	4	214
28 Other Diseases of Nervous System	5	204	4	174	12	658	9	482
29 Inflammatory Conditions of Eye	20	814	17	738	16	877	12	642
30 Refractive Error	48	1,954	37	1,606	187	10,252	173	9,256
31 Strabismus	81	3,297	82	3,559	26	1,425	14	749
32 Colour Blindness	20	814	—	—	80	4,386	7	375
33 Blindness Both Eyes	—	—	—	—	1	55	—	—
34 Blindness One Eye	—	—	—	—	2	110	2	107
37 Other Eye Condition	—	—	—	—	1	55	—	—
38 Inflammatory Condition of Ear	52	2,116	31	1,345	6	329	7	375
39 Wax in Ear	—	—	1	43	—	—	—	—
42 Deafness Both Ears	2	81	1	43	—	—	—	—
43 Deafness One Ear—Partial in Other	2	81	2	87	—	—	—	—
44 Deafness One Ear	1	41	3	130	4	219	—	—
45 Impairment of Hearing, One or Both Ears	32	1,302	44	1,910	14	768	14	749
48 Organic Disease of Heart and Blood Vessels	8	326	5	217	7	384	3	161
49 Asthma	31	1,262	11	477	33	1,809	18	963
50 Disease of Tonsils	369	15,018	334	14,497	50	2,741	58	3,103
51 Hay Fever	2	81	—	—	20	1,096	6	321
52 Other Diseases of Respiratory System	107	4,355	70	3,038	36	1,974	19	1,017
53 Dental Causes	301	12,251	298	12,934	170	9,320	141	7,544
54 Other Diseases of Mouth	5	204	3	130	2	110	1	54
55 Disease of Digestive System	1	41	1	43	1	55	1	54
56 Hernia	7	285	4	174	2	110	—	—
57 Kidney Disease	2	81	16	694	2	110	3	161

NUMBERS AND RATES OF DEFECTS FOUND PER 100,000 CHILDREN EXAMINED
DUNBARTON

<i>Defect</i>	ENTRANTS				LEAVERS			
	BOYS		GIRLS		BOYS		GIRLS	
	<i>Number</i>	<i>Rate</i>	<i>Number</i>	<i>Rate</i>	<i>Number</i>	<i>Rate</i>	<i>Number</i>	<i>Rate</i>
58 Diseases of Generative Organs	7	285	1	43	—	—	1	54
59 Infection of Skin	3	122	6	260	1	55	2	107
60 Eczema	22	895	12	521	8	439	5	268
61 Acne	—	—	—	—	20	1,096	54	2,889
62 Other Diseases of Skin	42	1,709	25	1,085	19	1,042	18	963
63 Osteochondrosis	3	122	—	—	—	—	—	—
64 Spinal Curvature	—	—	1	43	3	164	3	161
65 Pes Planus	52	2,116	30	1,302	19	1,042	13	696
66 H. Valgus	—	—	3	130	—	—	5	268
67 Other Minor Deformities	9	366	7	304	2	110	2	107
68 Other Orthopaedic Conditions	—	—	1	43	1	55	1	54
72 Congenital Anomalies of Eyes	1	41	1	43	—	—	—	—
74 Congenital Anomalies of Heart	9	366	8	347	3	164	4	214
75 Other Congenital Anomalies of Circulating System	—	—	2	87	—	—	1	54
77 Cleft Palate and Cleft Lip	6	244	1	43	2	110	—	—
80 Congenital Anomalies of Genital Organs	109	4,436	—	—	4	219	—	—
81 Congenital Anomalies of Urinary System	—	—	2	87	—	—	—	—
82 Congenital Clubfoot	1	41	1	43	2	110	1	54
83 Other Congenital Anomalies of Limbs System	1	41	2	87	2	110	—	—
84 Other Congenital Anomalies of Musculoskeletal System	6	244	2	87	4	219	5	268
85 Congenital Anomalies of Skin, Hair and Nails	1	41	3	130	2	110	4	214
87 Congenital Syndromes affect- ing Multiple Systems	—	—	1	43	—	—	—	—
88 Ill-defined Conditions— Swollen Glands	15	611	10	434	—	—	4	214
89 Ill-defined Conditions apart from 88 above	1	41	2	87	—	—	—	—
90 Injuries	1	41	—	—	1	55	1	54
999	—	—	1	43	—	—	—	—

TABLE 3

SCHOOL HEALTH SERVICE

YEAR 1971

NUMBERS AND RATES OF DEFECTS FOUND PER 100,000 CHILDREN EXAMINED BY SOCIAL CLASS
DUNBARTON

Defect		ENTRANTS					LEAVERS								
		1	2	Social Class			Other or not Stated	Total	1	2	Social Class			Other or not Stated	Total
03 Verruca	Rate Boys	—	—	—	6,250	—	—	840	—	—	—	—	5,882	—	578
	Rate Girls	—	—	926	—	—	—	455	—	—	1,190	—	—	3,448	1,105
	No. Boys	—	—	—	2	—	—	2	—	—	—	—	1	—	1
	No. Girls	—	—	1	—	—	—	1	—	—	1	—	—	1	2
05 Peticulosis	Rate Boys	—	—	—	—	—	—	—	—	—	1,124	—	—	—	578
	Rate Girls	—	5,263	—	—	—	—	455	—	—	—	—	—	—	—
	No. Boys	—	—	—	—	—	—	—	—	—	1	—	—	—	—
	No. Girls	—	1	—	—	—	—	1	—	—	—	—	—	—	1
13 Obesity	Rate Boys	—	—	—	—	—	—	—	—	—	1,124	—	—	—	578
	Rate Girls	—	—	—	—	—	—	—	—	—	1,190	—	—	—	552
	No. Boys	—	—	—	—	—	—	—	—	—	1	—	—	—	1
	No. Girls	—	—	—	—	—	—	—	—	—	1	—	—	—	1
14 Other Endocrine Nutritional Metabolic Disorder	Rate Boys	—	5,263	—	—	—	—	455	—	—	—	—	—	—	—
	Rate Girls	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	No. Boys	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	No. Girls	—	1	—	—	—	—	1	—	—	—	—	—	—	—
16 Anaemic and other Blood Disorders	Rate Boys	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Rate Girls	—	—	—	—	—	—	—	—	—	1,190	3,125	—	—	1,105
	No. Boys	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	No. Girls	—	—	—	—	—	—	—	—	—	1	1	—	—	2
18 Speech Disorder	Rate Boys	—	—	2,679	3,125	—	2,564	2,101	—	—	—	4,000	—	—	578
	Rate Girls	—	—	926	—	—	1	455	—	—	2,381	—	1	—	1,105
	No. Boys	—	—	3	1	—	—	5	—	—	—	—	—	—	1
	No. Girls	—	—	1	—	—	—	1	—	—	2	—	—	—	2
19 Enuresis, etc.	Rate Boys	—	—	893	6,250	20,000	10,256	3,782	—	—	—	—	—	—	—
	Rate Girls	6,667	—	5,556	11,538	—	5,000	5,455	—	—	1,190	—	—	—	552
	No. Boys	—	—	1	2	2	4	9	—	—	—	—	—	—	—
	No. Girls	1	—	6	3	—	2	12	—	—	1	—	—	—	1

TABLE 3—Continued

Defect	ENTRANTS							LEAVERS							
	1	2	Social Class			5	Other or not Stated	Total	1	2	Social Class			5	Other or not Stated	Total
38 Inflammatory Conditions of Ear	Rate Boys	—	—	3,571	—	—	—	1,681	—	—	—	—	—	—	—
	Rate Girls	6,667	—	926	3,846	—	2,500	1,818	—	—	—	—	—	—	—
	No. Boys	—	—	4	—	—	—	4	—	—	—	—	—	—	—
	No. Girls	1	—	1	1	—	1	4	—	—	—	—	—	—	—
	Rate Boys	—	—	893	—	—	—	420	—	—	—	—	—	—	—
42 Deafness Both Ears	Rate Girls	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	No. Boys	—	—	1	—	—	—	1	—	—	—	—	—	—	—
	No. Girls	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Rate Boys	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Rate Girls	—	—	—	—	—	—	—	—	—	—	—	—	—	—
45 Impairment of Hearing One or Both Ears	No. Boys	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	No. Girls	1	1	2	1	—	—	5	—	—	—	—	—	—	—
	Rate Boys	—	3,846	1,786	—	—	2,500	1,261	—	5,556	—	—	—	—	578
	Rate Girls	—	—	2	—	—	—	455	—	—	—	—	—	—	—
	No. Boys	—	1	2	—	—	—	3	—	1	—	—	—	—	—
49 Asthma	No. Girls	—	—	—	—	—	—	1	—	—	—	—	—	—	—
	Rate Boys	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Rate Girls	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	No. Boys	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	No. Girls	—	—	—	—	—	—	—	—	—	—	—	—	—	—
50 Disease of Tonsils	Rate Boys	10,526	11,538	15,179	12,500	20,000	23,077	15,546	10,000	11,111	—	4,000	—	—	1,156
	Rate Girls	13,333	15,789	9,259	7,692	8,333	12,500	10,455	—	5,952	—	—	—	3,448	4,420
	No. Boys	2	3	17	4	2	9	37	1	—	1	—	—	—	2
	No. Girls	2	3	10	2	1	5	23	—	2	5	—	—	1	8
	Rate Boys	—	—	893	—	—	—	420	—	—	—	—	—	—	—
51 Hay Fever	Rate Girls	—	—	—	—	—	—	—	25,000	—	—	—	—	—	552
	No. Boys	—	—	1	—	—	—	1	—	—	—	—	—	—	—
	No. Girls	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Rate Boys	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Rate Girls	—	—	—	—	—	—	—	—	—	—	—	—	—	—
52 Other Diseases of Respiratory System	No. Boys	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	No. Girls	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Rate Boys	5,263	11,538	2,679	6,250	—	2,564	4,202	1	—	—	11,765	7,143	2,312	1
	Rate Girls	—	—	4,630	7,692	—	—	3,182	—	—	—	—	3,448	1,657	4
	No. Boys	1	3	3	2	—	1	10	—	—	—	—	2	1	4
53 Dental Causes	No. Girls	—	—	5	2	—	—	7	—	—	—	—	1	3	—
	Rate Boys	5,263	3,846	13,393	9,375	10,000	12,821	10,924	—	—	4,000	11,765	7,143	7,514	—
	Rate Girls	20,000	5,263	14,815	15,385	8,333	10,000	13,182	—	11,111	5,952	15,625	14,286	10,345	9,392
	No. Boys	1	1	15	3	1	5	26	—	—	9	1	2	1	13
	No. Girls	3	1	16	4	1	4	29	—	2	5	5	2	3	17

TABLE 3—Continued

Defect		ENTRANTS						LEAVERS							
		1	2	Social Class			Other or not Stated	Total	1	2	Social Class			Other or not Stated	Total
64 Spinal Curvature	Rate Boys	—	—	926	—	—	—	455	—	—	—	—	—	—	—
	Rate Girls	—	—	—	—	—	—	—	—	—	—	3,125	—	—	552
	No. Boys	—	—	—	—	—	—	1	—	—	—	—	—	—	—
	No. Girls	—	—	1	—	—	—	840	—	—	—	1	—	—	1
65 Pes Planus	Rate Boys	—	—	1,786	—	—	—	1,364	—	—	—	4,000	—	—	578
	Rate Girls	—	—	1,852	—	8,333	—	2	—	—	—	—	—	—	—
	No. Boys	—	—	2	—	—	—	3	—	—	—	1	—	—	1
	No. Girls	—	—	2	—	1	—	420	—	—	—	—	—	—	—
67 Other Minor Deformities	Rate Boys	—	—	893	—	—	—	—	—	—	—	—	—	—	—
	Rate Girls	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	No. Boys	—	—	1	—	—	—	1	—	—	—	—	—	—	—
	No. Girls	—	—	—	—	—	—	—	—	—	—	—	—	—	—
74 Congenital Anomalies of Heart	Rate Boys	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Rate Girls	—	—	—	—	8,333	—	455	—	—	—	—	5,882	—	578
	No. Boys	—	—	—	—	—	—	—	—	—	—	—	1	—	1
	No. Girls	—	—	—	—	1	—	1	—	—	—	—	—	—	—
80 Congenital Anomalies of Genital Organs	Rate Boys	10,526	—	4,464	6,250	—	2,564	4,202	—	—	—	—	—	—	—
	Rate Girls	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	No. Boys	2	—	5	2	—	1	10	—	—	—	—	—	—	—
	No. Girls	—	—	—	—	—	—	—	—	—	—	—	—	—	—
83 Other Congenital Anomalies of Limbs System	Rate Boys	—	—	926	—	—	—	455	—	10,000	—	—	—	—	578
	Rate Girls	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	No. Boys	—	—	—	—	—	—	—	1	—	—	—	—	—	1
	No. Girls	—	—	1	—	—	—	—	—	—	—	—	—	—	—
84 Other Congenital Anomalies of Musculoskeletal System	Rate Boys	—	—	—	3,125	—	—	420	—	—	—	—	—	—	—
	Rate Girls	—	—	—	—	—	—	—	—	—	—	3,125	—	—	552
	No. Boys	—	—	—	—	—	—	1	—	—	—	—	—	—	—
	No. Girls	—	—	—	1	—	—	—	—	—	—	1	—	—	1
88 Ill-defined Conditions—Swollen Glands	Rate Boys	—	—	—	—	—	5,128	840	—	—	—	—	—	—	—
	Rate Girls	—	5,263	—	—	—	2	455	—	—	—	3,125	—	—	552
	No. Boys	—	—	—	—	—	—	2	—	—	—	—	—	—	—
	No. Girls	—	1	—	—	—	—	1	—	—	—	1	—	—	1
90 Injuries	Rate Boys	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Rate Girls	—	—	—	—	—	—	—	—	—	—	4,000	—	—	578
	No. Boys	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	No. Girls	—	—	—	—	—	—	—	—	—	—	1	—	—	1

SCHOOL HEALTH SERVICE

NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY EDUCATION AUTHORITY AREA AND SCOTLAND

YEAR 1971

Local Authority	ENTRANTS						LEAVERS					
	BOYS			GIRLS			BOYS			GIRLS		
	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)
Aberdeen Burgh	1,359	42·82	43·56	1,313	42·43	42·46	—	—	—	—	—	—
Dundee	1,260	42·89	42·11	1,298	42·56	41·16	1,439	60·64	97·40	1,344	60·91	103·65
Edinburgh	2,213	42·80	42·51	2,181	42·56	41·59	2,420	60·97	98·92	2,529	61·22	104·40
Glasgow	6,304	42·51	42·23	6,207	42·29	41·30	6,863	59·84	96·93	6,973	60·05	102·88
Aberdeen County	1,168	43·93	44·48	1,095	43·66	43·60	—	—	—	—	—	—
Angus	792	43·92	44·72	668	43·61	44·08	660	60·54	98·79	692	60·92	105·29
Argyll	448	44·61	46·17	396	44·16	44·94	352	60·88	98·21	339	61·28	106·29
Ayr County	3,057	43·52	43·74	2,997	43·19	42·54	2,496	60·88	100·05	2,523	61·02	105·33
Banff	369	43·44	43·84	324	42·89	42·41	371	60·75	100·16	347	60·77	105·97
Berwick	184	42·95	42·52	162	42·83	41·74	151	60·70	100·77	169	61·12	105·13
Bute	97	43·19	43·51	97	42·94	42·22	82	61·21	102·23	93	60·86	105·30
Caitness	266	43·52	43·64	257	43·54	43·47	221	61·78	104·68	260	61·19	106·49
Clackmannan	471	42·70	41·98	424	42·41	41·08	338	60·96	99·02	313	60·90	104·97
Dumfries County	701	43·82	43·10	686	43·62	42·51	602	60·99	96·98	616	61·23	103·63
Dunbarton	2,457	43·38	43·18	2,304	43·04	42·16	1,824	60·82	98·72	1,869	60·69	102·73
East Lothian	488	43·28	43·61	477	42·79	42·25	448	60·91	100·59	409	61·16	107·35
Fife	2,399	43·21	42·84	2,292	42·77	41·69	1,445	61·00	99·27	1,767	60·85	104·19
Inverness County	719	43·61	44·04	739	43·46	43·09	683	61·82	104·08	705	61·34	105·43
Kirkcaldine	189	44·33	44·78	163	43·98	43·94	190	61·27	102·77	149	62·13	109·34
Kirkcudbright	263	43·45	43·67	254	42·96	41·93	189	61·60	103·42	191	61·31	109·29
Lanark	5,399	43·77	43·72	5,164	43·44	42·76	4,545	60·63	95·75	3,952	60·91	102·46
Midlothian	1,326	43·65	43·49	1,194	43·46	42·80	970	60·66	98·67	1,033	60·68	105·06
Moray and Nairn	559	43·04	42·82	514	42·71	41·74	422	60·79	100·94	431	60·86	105·37
Orkney	119	43·65	44·45	125	44·18	44·18	102	61·78	105·29	122	61·50	108·64
Peebles	104	43·87	44·19	90	44·36	43·76	78	61·09	100·44	79	61·27	102·80
Perth and Kinross	1,027	43·45	43·46	936	43·49	43·01	898	60·57	99·38	847	61·09	107·54
Renfrew	3,346	42·91	42·52	3,245	42·58	41·73	2,904	60·36	97·53	2,862	60·42	102·40
Ross and Cromarty	469	43·58	43·34	423	43·18	42·16	454	61·37	102·10	469	61·34	107·83
Roxburgh	301	42·63	41·98	312	42·53	41·70	274	61·59	101·80	235	61·42	104·45
Selkirk	131	42·76	41·85	126	42·42	41·35	198	61·27	102·16	163	60·96	106·41
Stirling County	1,499	44·19	45·06	1,387	43·80	44·18	1,046	60·98	99·68	1,005	61·03	106·49
Sutherland	115	43·93	44·30	108	43·48	43·80	110	61·24	103·26	111	61·21	107·81
West Lothian	1,018	43·02	42·70	987	42·88	41·92	698	61·31	100·36	834	60·07	103·11
Wigtown	239	43·53	43·99	213	43·24	43·10	245	61·04	101·67	233	61·18	108·28
Zetland	67	45·75	47·25	44	45·50	46·82	96	61·76	111·08	75	62·37	109·60
Scotland	40,923	43·27	43·22	39,202	42·97	42·26	33,814	60·63	98·45	33,739	60·74	104·06

TABLE 5

SCHOOL HEALTH SERVICE

YEAR 1971

NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY SOCIAL CLASS

Social Class	ENTRANTS				LEAVERS			
	BOYS		GIRLS		BOYS		GIRLS	
	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)	Weight (lbs.)	Number	Height (ins.)
1	19	43-32	43-11	15	43-47	42-53	4	61-50
2	26	44-27	45-31	19	43-37	40-95	18	61-50
3	112	43-25	42-89	108	42-86	41-24	84	60-85
4	32	43-41	43-03	26	43-31	42-65	32	60-25
5	10	42-90	50-90	12	42-33	41-75	14	59-50
Other or not stated	39	43-54	42-95	40	43-08	42-60	29	61-03
	238	43-42	43-12	220	43-01	41-75	181	60-75
Total								

TABLE 6

SCHOOL HEALTH SERVICE

YEAR 1971

NUMBERS, AVERAGE HEIGHTS AND WEIGHTS BY NUMBER IN FAMILY

No. of Family	ENTRANTS				LEAVERS			
	BOYS		GIRLS		BOYS		GIRLS	
	Number	Height (ins.)	Weight (lbs.)	Height (ins.)	Height (ins.)	Weight (lbs.)	Height (ins.)	Weight (lbs.)
1	202	43-93	44-66	168	43-54	43-59	108	61-08
2	939	43-66	43-54	865	43-34	42-57	436	61-32
3	675	43-40	43-11	618	42-94	41-94	467	61-01
4	337	43-15	42-59	323	42-85	41-83	338	60-43
5	158	42-34	41-75	169	42-39	41-41	220	60-09
6	85	42-38	42-11	77	42-17	40-86	134	60-05
7	27	42-52	40-67	45	42-31	39-87	78	59-60
8	18	42-94	43-17	16	43-06	43-31	36	59-78
9	11	42-45	42-91	7	41-86	39-29	23	60-30
10	3	42-67	41-33	7	43-14	41-43	18	59-78
11	1	44-00	42-00	4	41-50	40-75	7	59-29
12	1	44-00	41-00	4	42-25	39-00	1	63-00
13	—	—	—	—	—	—	2	61-00
14	—	—	—	—	—	—	1	58-00
15	—	—	—	—	—	—	—	—
16	—	—	—	1	41-00	41-00	—	—

NUMBER OF CHILDREN TREATED IN THE YEAR ENDING 31st JULY 1972

BOYS

	<i>Born in 1968 or later</i>	<i>Born in 1964-1967</i>	<i>Born in 1960-1963</i>	<i>Born in 1956-1959</i>	<i>Born in 1955 or earlier</i>	<i>Total</i>
Diagnosis and advice to Teacher/Parent ..	13	38	7	2	0	60
Up to 3 months treatment	12	107	28	5	1	153
Over 3 months and less than 12 months treatment	23	255	76	13	2	369
12 months or more treatment	2	169	76	14	6	267
Total Boys						849

GIRLS

	<i>Born in 1968 or later</i>	<i>Born in 1964-1967</i>	<i>Born in 1960-1963</i>	<i>Born in 1956-1959</i>	<i>Born in 1955 or earlier</i>	<i>Total</i>
Diagnosis and advice to Teacher/Parent ..	2	21	6	1	0	30
Up to 3 months treatment	8	41	12	4	2	67
Over 3 months and less than 12 months treatment	4	111	28	3	3	149
12 months or more treatment	0	62	27	8	0	97
Total Girls						343

